

**ABSTRACT**

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2       A novel phosphorescent material containing an iridium metal compound and an  
3   organic electroluminescent device using the same are provided. When used for an emissive  
4   layer of an organic electroluminescent device, the phosphorescent material offers greater  
5   luminescent efficiency and improved driving voltage characteristics, compared to  
6   conventional red luminescent materials, and reduces the amount of power consumed in the  
7   organic electroluminescent device.